

**Michigan Department of Labor & Economic Growth**  
**Office of Career and Technical Preparation**  
**Crosswalk of CIP Codes and Standard Courses for 2005-2006**

| <b>2005-2006<br/>CIP Code</b> | <b>2005-2006 Program Name<br/>(with Standard Courses, if Applicable)</b>   | <b>Previous<br/>CIP Code</b> | <b>Previous Program Name<br/>(with Standard Courses, if Applicable)</b>   |
|-------------------------------|--|------------------------------|---|
| 01.0000                       | Agriculture, Agricultural Operations and Related Sciences<br>01 Natural Resources<br>02 Plant Science<br>03 Animal Science<br>04 Bus Mgmt/Mrktg<br>05 Mech Technical<br>06 Comm & Ldrshp Dev | 02.9999                      | Agriscience and Natural Resources<br>01 Natural Resources (moved to 03.0000 for 2003-2004)<br>02 Plant Science<br>03 Animal Science<br>04 Bus Mgmt/Mrktg<br>05 Mech Technical<br>06 Comm & Ldrshp Dev |
| 03.0000                       | Natural Resources and Conservation<br><b>**01 Environmental and Natural Resource System</b>  | NEW<br>02.9999               | 01 Natural Resources (moved to 01.0000 for 2004-2005)   |
| 10.0202                       | Radio and Television Broadcasting Technology<br><b>**01 Audio and Video Technology</b><br><b>**02 Journalism and Broadcasting</b>  | 09.0701                      | Radio and Television<br>01 Radio & TV<br>02 Theater/Stagecraft (moved to 50.0101)   |
| 10.0301                       | Graphics Communications<br><b>**01 Printing Technologies</b>   | 48.0201                      | Graphics and Printing Communications  |
| 11.1000                       | Information Technology<br>09 Network Admin<br>10 CIW Webmaster<br>11 Inform Programming & Software<br>12 Inform Support & Services   | 52.9991                      | Information Technology Services<br>09 Network Admin<br>10 CIW Webmaster   |
| 12.0400                       | Cosmetology<br>01 Cosmetologist<br>02 Nail Technician  | 12.0403                      | Cosmetology   |
| 12.9999                       | Personal and Culinary Services<br>*01 Cooking and Related Culinary Arts ( <i>formerly</i>  | 20.0499                      | Hospitality and Food Services<br>*01 Core   |

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|-----------------------|--|----------------------|---|
|                       | <b>*01 Core)</b><br>02 Restaurant, Culinary, and Catering Management-<br>Manager<br>03 Hotel/Motel Administration/Management<br>04 Tourism and Travel Services Management<br>05 Food Service Systems Administration<br>Management  |                      | 02 Food Service<br>03 Lodging Component<br>04 Travel Tourism<br>05 Hospitality Industry                             |
| 13.0000               | Education General<br><b>**01 Teaching and Training</b>   | 20.0299              | Child & Adult Care Service<br>02 Teacher Cadet  |
| 15.0403               | Electro-Mechanical Technology<br><b>**01 Electro-Mechanical Installation &amp; Maintenance</b>   | 47.0199              | Electro-Mechanical Technology   |
| 15.0607               | Plastics Engineering Technology/Technician<br><b>**01 Technician-Maintenance, Installation &amp; Repair</b>  | 15.0607              | Plastics  |
| 15.0612               | Industrial Production Technology/Technicians<br>01 Paper Technology<br><br><u>Courses below require a new CTE Program Application:</u><br>02 Computer Technology Technician<br>03 Chemical Processing Technician<br>05 Quality Control Technology<br>06 Instrumentation Technology<br>07 Robotics Technology | 15.0699              | Industrial Production Technology/Technicians<br>01 Paper Technology<br>02 Comp Tech Technology<br>03 Chem Proc Tech |
| 15.1301               | Drafting And Design Technology<br>01 Drafting Technology (Intro) <14,400 ( <b>no longer<br/>           accepting new CTE program applications</b> )<br>02 CAD Drafting<br>03 Architectural Drafting  | 48.0199              | Drafting And Design Technology<br>01 Drafting <14,400<br>02 Drftg/Dsng Tech>14,400 transfer to 02                   |

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|-------------------------------|--|------------------------------|---|
|                               | 04 Civil Drafting<br>05 Electrical/Electronics Drafting<br>06 Mechanical Drafting  |                              |   |
| 19.0000                       | Family and Consumer Sciences<br>02 Parenthood Educ<br>03 Personal Living<br>04 Consumer Educ<br>06 Essentials of Health & Liv<br>07 Family Living<br>08 Nutrition Educ<br>09 Balance Work & Family | 19.0101                      | Family and Consumer Sciences<br>02 Parenthood Educ<br>03 Personal Living<br>04 Consumer Educ<br>06 Essentials of Health & Liv<br>07 Family Living<br>08 Nutrition Educ<br>09 Balance Work & Family                            |
| 19.0605                       | Home Furnishings Equipment Installers and Consultants<br><b>**01 Technician Design/Pre-Construction</b>  | 20.0501                      | Commercial Paint/Interior Treatment Services  |
| 19.0700                       | Child and Custodial Care Services<br>01 Child Care Provider<br>02 Adult Development and Aging  | 20.0299                      | Child and Adult Care Services<br>01 Child/Adult Care<br>02 Teacher Cadet (moved to 13.0000)   |
| 43.0100                       | Public Safety/Protective Services<br>02 Fire Fighting<br>03 Law Enforcement<br>05 Criminal Justice<br>06 Security and Protective Services<br>07 Corrections  | 43.9999                      | Public Safety/Protective Services<br>*01 Core – (Deleted)<br>02 Fire Fighting<br>03 Law Enforcement<br>04 Emergency Medical Services (moved to Health Sciences 51.9997)<br>05 Criminal Justice<br>06 Integrated Public Safety |
| 46.0000                       | Construction Trades<br>01 Comprehensive Construction   | 46.9900                      | Construction Trades<br>01 Construction Trades   |

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|-------------------------------|---|------------------------------|---|
|                               | 02 Masonry<br>03 Carpentry<br>04 Electrician<br>05 Plumbing<br>06 Painter/Wall Covering   |                              | 02 Cnstr/Bldg Main (moved to 46.0401)                                   |
| 46.0301                       | Electrical and Power Transmission Installation<br>01 Electrical Transmission Installation and Service<br>02 Line Worker   | 46.0301                      | Electrical and Power Transmission Installation (transfers to 01)        |
| 46.0401                       | Building Maintenance<br><b>**01 General Building Maintenance</b>  | 46.9900                      | Construction Trades<br>02 Cnstr/Bldg Main                               |
| 47.0101                       | Electrical/Electronics Equipment Installation and Repair, General<br>01 Electrical and Electronics Equipment Installation and Repair<br>02 Communications Systems Installation and Repair<br>03 Instrumentation Technology<br>04 Computer Installation and Repair<br>05 Industrial Electronics Technology<br>06 Security System Installation and Repair | 47.0101                      | Electrical and Electronics Repair                                       |
| 47.0106                       | Appliance Installation and Repair Technology<br><b>**01 Technician Maintenance, Installation &amp; Repair</b>   | 47.0106                      | Major Appliance Repair  |
| 47.0201                       | Heating, Air Conditioning, Ventilation and Refrigeration<br><b>**01 Technician HACVR</b>  | 47.0201                      | Heating, Air Conditioning, and Refrigeration                            |
| 47.0399                       | Industrial Equipment Maintenance and Repair<br><b>**01 Technician Maintenance, Installation &amp; Repair</b>  | 47.0399                      | Industrial Equipment Maintenance and Repair                             |

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| 47.0603                       | Collision Repair Technician (NATEF Certified)<br>01 Paint/Refinish<br>02 Struct Anal/Rep<br>03 Nonstruc Anl/Rp<br>04 Mech/Elec Compt  | 47.0603                      | Collision Repair Technician (NATEF Certified)<br>01 Paint/Refinish<br>02 Struct Anal/Rep<br>03 Nonstruc Anl/Rp<br>04 Mech/Elec Compt  |
| 47.0604                       | Automobile Technician (NATEF Certified)<br>01 Brakes<br>02 Elecl/Tronc Sys<br>03 Engine Performc<br>04 Suspen/Steering<br>05 Automatic Trans<br>06 Engine Repair<br>07 Heating/Air Con<br>08 Man Drive/Axles  | 47.0604                      | Automobile Technician (NATEF Certified)<br>01 Brakes<br>02 Elecl/Tronc Sys<br>03 Engine Performc<br>04 Suspen/Steering<br>05 Automatic Trans<br>06 Engine Repair<br>07 Heating/Air Con<br>08 Man Drive/Axles  |
| 47.0613                       | Medium/Heavy Truck Technician (NATEF Certified)<br>01 Diesel Engines<br>02 Suspen/Steering<br>03 Brakes<br>04 Elecl/Tronc Sys<br>05 Prevnt Mant/Ins<br>06 Gas Engines<br>07 Drive Train<br>08 Heating/Air Con | 47.0605                      | Medium/Heavy Truck Technician (NATEF Certified)<br>01 Diesel Engines<br>02 Suspen/Steering<br>03 Brakes<br>04 Elecl/Tronc Sys<br>05 Prevnt Mant/Ins<br>06 Gas Engines<br>07 Drive Train<br>08 Heating/Air Con |
| 47.0606                       | Small Engine and Related Equipment Repair<br><b>**01 Technician Facility &amp; Mobil Equipment<br/>Maintenance</b>  | 47.0606                      | Small Engine and Related Equipment Repair   |
| 47.0607                       | Airframe Technology<br><b>**01 Airframe Mechanics, General</b>  | NEW                          |   |
| 47.0608                       | Power Plant Technology (Aircraft)   | 49.0101                      | Air Transportation  |

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|                               | <b>**01 Power Plant Mechanics, General</b>  |                              | 02 Aircraft Mech   |
| 47.0616                       | Marine Maintenance<br><b>**01 Technician Maintenance, Installation, &amp; Repair</b>    | 49.0306                      | Marine Mechanics   |
|                               | Deleted   | 47.0699                      | Mechanics Cluster  |
|                               | Deleted   | 47.9999                      | Transportation Services and Technology   |
| 48.0000                       | Precision Production Trades General<br><b>**01 Technician Production</b>                | 48.9999                      | Manufacturing Technology   |
| 48.0501                       | Machine Tool Operation/Machine Shop<br><b>**01 Technician Production</b>                | 48.0501                      | Machine Tool Operation/Machine Shop  |
| 48.0508                       | Welding, Brazing, and Soldering<br><b>**01 Technician Production</b>                    | 48.0508                      | Welding, Brazing, and Soldering  |
| 48.0701                       | Woodworking General<br>01 Design and Manufacturing<br>02 Cabinetmaking                  | 48.0701                      | Woodworking and Furniture Making (transfers to 02)                                 |
| 49.0101                       | Aeronautics/Aviation/Aerospace Science and Technology<br><b>**01 Air Transportation</b> | 49.0101                      | Air Transportation<br>01 Air Transportation<br>02 Aircraft Mech (moved to 47.0608) |
| 50.0101                       | Visual and Performing Arts<br><b>**01 Performing Arts/Visual Arts</b>                   | 09.0701                      | Radio and Television<br>02 Theater/Stgerft   |
| 50.0401                       | Visual Communications Technology<br><b>**01 Telecommunication Technology</b>            | 48.0299                      | Visual Imaging Technology  |
| 51.0000                       | Health Sciences<br>02 Nursing Occupations   | 51.9999                      | Allied Health Technology<br>02 Nursing Occupations                                 |

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|                       | 03 Dental Occupations<br>04 Medical Office<br>05 Diagnostic Serv<br>06 Pharmacy<br>07 Medical Services<br>08 Emergency Medical Sv<br>09 Patient Service<br>10 Veterinary Science  | 43.9999              | 03 Dental Occupations<br>04 Medical Office<br>05 Diagnostic Serv<br>06 Pharmacy<br>07 Restorative Care<br>08 Emergency Medical Sv<br>09 Patient Service<br>Public Safety/Protective Services (transfers to 51.0008)<br>02 Emergency Medical Svr |
| 52.0299               | Business Administration Management and Operations<br>*01 General Office and Occupations ( <i>formerly *01 Core</i> )<br>02 Management Support<br>*04 Administrative Office Assistant and Secretarial<br>Science ( <i>formerly *04 BST Combination</i> ) | 52.9994              | Business and Administrative Services<br>*01 Core<br>02 Management Support<br>*04 BST Combination<br>06 International Bus Mgt<br>07 Labor Relations/Human Relations<br>08 Legal Careers  |
| 52.0800               | Finance and Financial Management Services<br>03 Accounting and Business/Management<br>05 Banking and Financial Support Services   | 52.9993              | Financial Services<br>03 Acctg/Financial Support<br>05 Advance Finance  |
| 52.1999               | Marketing Sales and Services<br>01 Marketing<br>02 Entrepreneurship   | 52.9992              | Retail Sales and Services<br>01 Marketing<br>02 Entrepreneurship  |

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